

6725 Szeged Oltványi u.5

Munkaszám: 59/7/2019

Kistamási külterület

adatszolgáltatás iktsz: 2-195/2019

## GNSS MÉRÉSI JEGYZŐKÖNYV

Műszer tipusa: STXS900 NONE

Gyári száma:1064-10207

Vitel licensz:1690

a 018/5 helyrajzi számú földrészletre vonatkozó szolgalmi jog a tervezett HHE-Kistamási-1 CH vezeték előzetes engedélyezése iránti kérelemhez

Szeghalom, 2019.03.28.

VARGA TIBOR Földmerő technikus Földmerő ig száma: Földmerő ig száma:

Varga Tibor(4329) készítette:

ERDŐS JÓZSÉS telleskörű geodéziai tervező és szakértő GD-T104-095-2000 GD-Sz104-095-2000 GD-Szlod-Vasvári u. 5520 Szeghalom. Vasvári v. Telefon: 201954-5019

Erdős József minőséget tanúsító Ing.rend.min.sz.: 1285/1992 Kamarai terv.jog.szám:GD-T 04-095



## Igazolás a GNSSnet.hu hálózat használatáról földhivatali ellenőrzéshez

Azonosító: 505624sZhPM

Cég név: GEO-BALANCE Kft.

Felhasználónév: gbalance04

Lekérdezett időszak: 2019-03-13 04:00 UTC - 2019-03-14 22:10 UTC

Készült: 2019-03-25 19:51 UTC

NTRIP	Belépés	Kilépés	Első pozició		
Mountpoint	ideje[UTC]	ideje[UTC]	Lat [°]	Long [°]	
1033_VRS-RTCM3.1-GLO	2019-03-13 06:58:35	2019-03-13 07:04:05	45.987891	17.735445	
1033_VRS-RTCM3.1-GLO	2019-03-13 07:04:06	2019-03-13 07:04:13	45.987891	17.735457	
1033_VRS-RTCM3.1-GLO	2019-03-13 07:04:18	2019-03-13 07:04:25	0.000000	0.000000	
1033_VRS-RTCM3.1-GLO	2019-03-13 07:04:40	2019-03-13 07:43:41	45.987894	17.735464	
1033_VRS-RTCM3.1-GLO	2019-03-13 07:43:43	2019-03-13 07:49:10	45.987489	17.733872	
1033_VRS-RTCM3.1-GLO	2019-03-13 07:49:11	2019-03-13 09:56:26	45.988001	17.735628	
1033_VRS-RTCM3.1-GLO	2019-03-13 09:56:35	2019-03-13 09:57:33	45.990392	17.734132	
1033_VRS-RTCM3.1-GLO	2019-03-13 09:58:09	2019-03-13 10:41:32	45.990432	17.734246	
1033_VRS-RTCM3.1-GLO	2019-03-13 12:06:28	2019-03-13 12:06:58	45.990529	17.734226	
1033_VRS-RTCM3.1-GLO	2019-03-13 12:06:58	2019-03-13 12:07:07	45.990511	17.734202	
1033_VRS-RTCM3.1-GLO	2019-03-13 12:07:10	2019-03-13 12:07:23	0.000000	0.000000	
1033_VRS-RTCM3.1-GLO	2019-03-13 12:07:37	2019-03-13 12:14:39	45.990530	17.734222	
1033_VRS-RTCM3.1-GLO	2019-03-13 12:15:22	2019-03-13 14:32:40	45.993123	17.734889	
1033_VRS-RTCM3.1-GLO	2019-03-13 14:32:41	2019-03-13 14:53:02	45.993061	17.734816	
1033_VRS-RTCM3.1-GLO	2019-03-13 14:53:02	2019-03-13 15:51:05	45.993037	17.734952	
1033_VRS-RTCM3.1-GLO	2019-03-13 15:51:19	2019-03-13 15:51:23	45.987353	17.735904	
1033_VRS-RTCM3.1-GLO	2019-03-13 16:13:51	2019-03-13 16:14:38	45.987438	17.735945	
1033_VRS-RTCM3.1-GLO	2019-03-13 16:14:39	2019-03-13 16:14:47	45.987438	17.735945	
1033_VRS-RTCM3.1-GLO	2019-03-13 16:14:52	2019-03-13 16:14:59	0.000000	0.000000	
1033_VRS-RTCM3.1-GLO	2019-03-13 16:15:14	2019-03-13 16:29:44	45.987439	17.735979	

1033_VRS-RTCM3.1-GLO	2019-03-13 16:29:45	2019-03-13 16:48:12	45.986316	17.730850
1033_VRS-RTCM3.1-GLO	2019-03-13 16:50:50	2019-03-13 16:51:59	45.989336	17.734910
1033_VRS-RTCM3.1-GLO	2019-03-13 16:51:59	2019-03-13 16:52:08	45.989333	17.734889
1033_VRS-RTCM3.1-GLO	2019-03-13 16:52:12	2019-03-13 16:52:20	0.000000	0.000000
1033_VRS-RTCM3.1-GLO	2019-03-13 16:52:35	2019-03-13 17:25:41	45.989330	17.734902
1033_VRS-RTCM3.1-GLO	2019-03-14 07:00:59	2019-03-14 07:02:05	45.987340	17.731653
1033_VRS-RTCM3.1-GLO	2019-03-14 07:02:08	2019-03-14 07:02:13	45.987348	17.731653
1033_VRS-RTCM3.1-GLO	2019-03-14 07:02:24	2019-03-14 07:50:44	45.987348	17.731653
1033_VRS-RTCM3.1-GLO	2019-03-14 07:50:49	2019-03-14 07:52:27	45.993128	17.734880
1033_VRS-RTCM3.1-GLO	2019-03-14 07:53:11	2019-03-14 07:54:56	45.993335	17.735154
1033_VRS-RTCM3.1-GLO	2019-03-14 07:55:38	2019-03-14 07:56:02	45.993351	17.735128
1033_VRS-RTCM3.1-GLO	2019-03-14 07:57:35	2019-03-14 07:58:23	45.993334	17.735120
1033_VRS-RTCM3.1-GLO	2019-03-14 07:58:27	2019-03-14 07:58:29	0.000000	0.000000
1033_VRS-RTCM3.1-GLO	2019-03-14 07:58:37	2019-03-14 07:58:44	0.000000	0.000000
1033_VRS-RTCM3.1-GLO	2019-03-14 07:58:58	2019-03-14 08:04:01	45.993353	17.735131
1033_VRS-RTCM3.1-GLO	2019-03-14 08:04:15	2019-03-14 08:05:32	45.993340	17.734976
1033_VRS-RTCM3.1-GLO	2019-03-14 08:07:45	2019-03-14 08:08:28	45.993384	17.735153
1033_VRS-RTCM3.1-GLO	2019-03-14 08:08:45	2019-03-14 08:08:49	0.000000	0.000000
1033_VRS-RTCM3.1-GLO	2019-03-14 08:08:50	2019-03-14 08:12:43	45.993382	17.735145
1033_VRS-RTCM3.1-GLO	2019-03-14 08:12:57	2019-03-14 08:13:52	45.993496	17.735831
1033_VRS-RTCM3.1-GLO	2019-03-14 08:13:52	2019-03-14 08:14:48	45.993427	17.735599
1033_VRS-RTCM3.1-GLO	2019-03-14 08:14:48	2019-03-14 08:15:03	45.993543	17.736238
1033_VRS-RTCM3.1-GLO	2019-03-14 08:15:27	2019-03-14 08:16:00	45.993558	17.736244
1033_VRS-RTCM3.1-GLO	2019-03-14 08:16:09	2019-03-14 08:16:23	45.993545	17.736237
1033_VRS-RTCM3.1-GLO	2019-03-14 08:16:37	2019-03-14 08:51:04	45.993550	17.736247
1033_VRS-RTCM3.1-GLO	2019-03-14 08:51:04	2019-03-14 08:53:08	45.996079	17.742722
1033_VRS-RTCM3.1-GLO	2019-03-14 08:53:41	2019-03-14 08:55:19	45.995959	17.742767
1033_VRS-RTCM3.1-GLO	2019-03-14 08:55:33	2019-03-14 08:59:37	45.996128	17.742771
1033_VRS-RTCM3.1-GLO	2019-03-14 08:59:51	2019-03-14 09:03:22	45.995452	17.742942
1033_VRS-RTCM3.1-GLO	2019-03-14 09:03:24	2019-03-14 09:03:27	45.995180	17.743067
1033_VRS-RTCM3.1-GLO	2019-03-14 09:03:34	2019-03-14 09:03:40	0.000000	0.000000
SGO_RTK-RTCM3.0-GLO	2019-03-14 09:03:40	2019-03-14 09:05:28	45.995180	17.743067
SGO_RTK-RTCM3.0-GLO	2019-03-14 09:05:29	2019-03-14 09:05:37	45.995134	17.743092
SGO_RTK-RTCM3.0-GLO	2019-03-14 09:05:41	2019-03-14 09:05:47	0.000000	0.000000
SGO_RTK-RTCM3.0-GLO	2019-03-14 09:05:47	2019-03-14 09:08:18	45.995133	17.743092
SGO_RTK-RTCM3.0-GLO	2019-03-14 09:08:20	2019-03-14 09:08:23	45.995158	17.743074

SGO_RTK-RTCM3.0-GLO	2019-03-14 09:08:31	2019-03-14 09:08:34	0.000000	0.000000
SGO_VRS-RTCM3.1-GLO	2019-03-14 09:08:58	2019-03-14 09:10:03	45.995212	17.743045
SGO_VRS-RTCM3.1-GLO	2019-03-14 09:15:23	2019-03-14 09:16:28	45.994034	17.737443
SGO_VRS-RTCM3.1-GLO	2019-03-14 09:16:29	2019-03-14 09:16:37	45.994037	17.737443
SGO_VRS-RTCM3.1-GLO	2019-03-14 09:16:42	2019-03-14 09:16:52	0.000000	0.000000
SGO_VRS-RTCM3.1-GLO	2019-03-14 09:16:52	2019-03-14 09:20:24	45.994045	17.737431
SGO_VRS-RTCM3.1-GLO	2019-03-14 09:20:26	2019-03-14 09:20:29	0.000000	0.000000
SGO_VRS-RTCM3.1-GLO	2019-03-14 09:20:36	2019-03-14 09:20:42	0.000000	0.000000
1033_VRS-RTCM3.1-GLO	2019-03-14 09:20:57	2019-03-14 09:21:02	45.994059	17.737418
1033_VRS-RTCM3.1-GLO	2019-03-14 09:22:19	2019-03-14 09:23:22	45.994048	17.737431
1033_VRS-RTCM3.1-GLO	2019-03-14 09:23:24	2019-03-14 09:23:27	45.994048	17.737431
1033_VRS-RTCM3.1-GLO	2019-03-14 09:23:35	2019-03-14 09:23:41	0.000000	0.000000
1033_VRS-RTCM3.1-GLO	2019-03-14 09:23:55	2019-03-14 09:59:56	45.994057	17.737447
1033_VRS-RTCM3.1-GLO	2019-03-14 10:29:55	2019-03-14 10:31:58	46.005444	17.721910
1033_VRS-RTCM3.1-GLO	2019-03-14 10:32:03	2019-03-14 10:32:04	0.000000	0.000000
1033_VRS-RTCM3.1-GLO	2019-03-14 10:32:19	2019-03-14 11:22:32	46.005460	17.721926
1033_VRS-RTCM3.1-GLO	2019-03-14 11:35:05	2019-03-14 11:36:13	46.005290	17.721715
1033_VRS-RTCM3.1-GLO	2019-03-14 11:36:15	2019-03-14 11:36:22	46.005290	17.721715
1033_VRS-RTCM3.1-GLO	2019-03-14 11:36:27	2019-03-14 11:36:34	0.000000	0.000000
1033_VRS-RTCM3.1-GLO	2019-03-14 11:36:48	2019-03-14 11:40:41	46.005296	17.721721
1033_VRS-RTCM3.1-GLO	2019-03-14 11:50:10	2019-03-14 14:08:56	45.999718	17.721816
1033_VRS-RTCM3.1-GLO	2019-03-14 14:08:57	2019-03-14 14:26:58	45.998339	17.718200
1033_VRS-RTCM3.1-GLO	2019-03-14 14:29:20	2019-03-14 14:30:28	45.995225	17.722796
1033_VRS-RTCM3.1-GLO	2019-03-14 14:30:30	2019-03-14 14:30:36	45.995225	17.722796
1033_VRS-RTCM3.1-GLO	2019-03-14 14:30:41	2019-03-14 14:30:48	0.000000	0.000000
1033_VRS-RTCM3.1-GLO	2019-03-14 14:31:02	2019-03-14 15:21:13	45.995236	17.722812
1033_VRS-RTCM3.1-GLO	2019-03-14 15:21:14	2019-03-14 15:21:22	45.995618	17.725409
1033_VRS-RTCM3.1-GLO	2019-03-14 15:21:26	2019-03-14 15:21:34	0.000000	0.000000
1033_VRS-RTCM3.1-GLO	2019-03-14 15:21:35	2019-03-14 15:40:03	45.995618	17.725409

Az igazoláson szereplő azonosítóval lekérdezhető fenti adatok megegyeznek a GNSS Szolgáltató Központja által rögzített hiteles adatokkal.

Az igazolás tartalma megfelel a vidékfejlesztési miniszter 15/2013 (III.11.) VM rendelet 65. § (2) m) pontjában rögzített követelményeknek.

```
JB, NMKISTAMASI_018_5, DT03-14-2019, TM11:40:57
MO, ADO, UN1, SF1.00000000, ECO, EOO.0, AUO
--Stonex SurvCE Version 5.08
-- CRD: Alphanumeric
-- Haszn. Meghat: HUNGARY/EOV-VITEL2014
--Equipment:
               Stonex,
                          S9i, SN:S900281800046, FW:0.22.181113 (STONEX)
--Antenna Type: [STXS9I
NONE], RAO.0795m, SHMPO.0598m, L10.0850m, L20.0784m, --Integrated GPS
L1/L2+L2C/L5, GLO, GAL, B
-- Illesztési Fáil: None
-- Geoid Elválaszt. Fájlok: None
-- Grid Adjustment File: None
--GPS Lépték: 1.00000000
--Scale Point not used
--RTK Method: RTCM V3.1, Device: Internal GSM, Network: NTRIP 1033_VRS-
RTCM3.1-GLO
BP, PN4095, LA45.594554470508, LN17.400467535612, EL154.1570, AGO.0000, PA0.000
0, ATAPC, SRROVER, --
--Entered Rover HR: 2.0000 m, Vertical
LS, HR2.0850
GPS, PN2000, LA46.001894938600, LN17.431821527400, EL154.188000, --13
--GS, PN2000, N 74273.7137, E 547304.5565, EL107.4320, --13
--GT, PN2000, SW2044, ST384058600, EW2044, ET384058600
--HSDV:0.014, VSDV:0.020, STATUS:FIXED, SATS:22, AGE:2.0, PDOP:1.535,
HDOP: 0.700, VDOP: 1.366, TDOP: 1.277, GDOP: 0.852, NSDV: 0.010, ESDV: 0.010
--DT03-14-2019
--TM11:40:58
GPS, PN2001, LA46.001923067800, LN17.431757711400, EL154.202000, --13
--GS, PN2001, N 74282.6316, E 547290.9739, EL107.4459, --13
--GT, PN2001, SW2044, ST384127400, EW2044, ET384127400
--HSDV:0.014, VSDV:0.020, STATUS:FIXED, SATS:22, AGE:1.0, PDOP:1.535,
HDOP: 0.700, VDOP: 1.366, TDOP: 1.277, GDOP: 0.852, NSDV: 0.010, ESDV: 0.010
--DT03-14-2019
--TM11:41:52
GPS, PN2002, LA46.001331679600, LN17.425669680800, EL156.104000, --13
--GS, PN2002, N 74107.6888, E 546838.6155, EL109.3463, --13
--GT, PN2002, SW2044, ST384579400, EW2044, ET384579400
--HSDV:0.014, VSDV:0.020, STATUS:FIXED, SATS:22, AGE:1.0, PDOP:1.583,
HDOP: 0.800, VDOP: 1.366, TDOP: 1.334, GDOP: 0.852, NSDV: 0.010, ESDV: 0.010
--DT03-14-2019
--TM11:49:25
GPS, PN2003, LA46.000958793400, LN17.424324249200, EL156.556000, --13
--GS, PN2003, N 73997.5064, E 546547.1654, EL109.7972, --13
--GT, PN2003, SW2044, ST384862800, EW2044, ET384862800
--HSDV:0.014, VSDV:0.020, STATUS:FIXED, SATS:22, AGE:1.0, PDOP:1.583,
HDOP: 0.800, VDOP: 1.366, TDOP: 1.334, GDOP: 0.852, NSDV: 0.010, ESDV: 0.010
--DT03-14-2019
--TM11:54:09
GPS, PN2004, LA46.000970594200, LN17.424329078000, EL156.353000, --13
--GS, PN2004, N 74001.1320, E 546548.2668, EL109.5942, --13
--GT, PN2004, SW2044, ST384884200, EW2044, ET384884200
--HSDV:0.014, VSDV:0.020, STATUS:FIXED, SATS:22, AGE:1.0, PDOP:1.583,
HDOP: 0.800, VDOP: 1.366, TDOP: 1.334, GDOP: 0.852, NSDV: 0.010, ESDV: 0.010
--DT03-14-2019
--TM11:54:29
GPS, PN2005, LA46.001506212400, LN17.430217552800, EL156.017000, --13
--GS, PN2005, N 74159.5656, E 546957.4129, EL109.2598, --13
--GT, PN2005, SW2044, ST385319400, EW2044, ET385319400
```

```
--HSDV:0.014, VSDV:0.020, STATUS:FIXED, SATS:22, AGE:1.0, PDOP:1.583,
HDOP: 0.800, VDOP: 1.366, TDOP: 1.334, GDOP: 0.852, NSDV: 0.010, ESDV: 0.010
--DT03-14-2019
--TM12:01:45
GPS, PN2006, LA46.001528591200, LN17.430282705000, EL155.734000, --13
--GS, PN2006, N 74166.2362, E 546971.5486, EL108.9768, --13
--GT, PN2006, SW2044, ST385339200, EW2044, ET385339200
--HSDV:0.014, VSDV:0.020, STATUS:FIXED, SATS:23, AGE:1.0, PDOP:1.583,
HDOP: 0.800, VDOP: 1.366, TDOP: 1.334, GDOP: 0.852, NSDV: 0.010, ESDV: 0.010
--DT03-14-2019
--TM12:02:04
GPS, PN2007, LA46.001737338400, LN17.431015647600, EL155.355000, --13
--GS, PN2007, N 74228.0018, E 547130.3421, EL108.5983, --13
--GT, PN2007, SW2044, ST385476800, EW2044, ET385476800
--HSDV:0.014, VSDV:0.020, STATUS:FIXED, SATS:23, AGE:1.0, PDOP:1.535,
HDOP: 0.700, VDOP: 1.366, TDOP: 1.277, GDOP: 0.852, NSDV: 0.010, ESDV: 0.010
--DT03-14-2019
--TM12:04:22
GPS, PN2007, LA46.001952262600, LN17.431781437800, EL154.165000, --13
--GS, PN2007, N 74291.5587, E 547296.2319, EL107.4089, --13
--GT, PN2007, SW2044, ST385747000, EW2044, ET385747000
--HSDV:0.014, VSDV:0.020, STATUS:FIXED, SATS:22, AGE:1.0, PDOP:1.535,
HDOP: 0.700, VDOP: 1.366, TDOP: 1.277, GDOP: 0.852, NSDV: 0.010, ESDV: 0.010
--DT03-14-2019
--TM12:08:54
GPS, PN2008, LA46.001963149000, LN17.431836199200, EL154.176000, --13 CLO
--GS, PN2008, N 74294.7198, E 547308.0709, EL107.4199, --13 CLO
--GT, PN2008, SW2044, ST386278800, EW2044, ET386278800
--HSDV:0.014, VSDV:0.020, STATUS:FIXED, SATS:22, AGE:1.0, PDOP:1.535,
HDOP: 0.700, VDOP: 1.366, TDOP: 1.277, GDOP: 0.852, NSDV: 0.010, ESDV: 0.010
--DT03-14-2019
--TM12:17:47
--DT03-14-2019
--TM12:37:53
-- Haszn. Meghat: HUNGARY/EOV-VITEL2014
               Stonex, S9i, SN:S900281800046, FW:0.22.181113 (STONEX)
--Equipment:
--Antenna Type: [STXS9I
NONE], RAO.0795m, SHMPO.0598m, L10.0850m, L20.0784m, -- Integrated GPS
L1/L2+L2C/L5, GLO, GAL, B
--Illesztési Fájl: None
--Geoid Elválaszt. Fájlok: None
--Grid Adjustment File: None
-- GPS Lépték: 1.00000000
--Scale Point not used
--RTK Method: RTCM V3.1, Device: Internal GSM, Network: NTRIP 1033_VRS-
RTCM3.1-GLO
BP, PN4095, LA45.594509145392, LN17.400396282504, EL154.2211, AGO.0000, PAO.000
0, ATAPC, SRROVER, --
--Entered Rover HR: 2.0000 m, Vertical
LS, HR2.0850
GPS, PN20001, LA46.001923087000, LN17.431757687400, EL154.173000, --
--GS, PN20001, N 74282.6376, E 547290.9689, EL107.4169, --
--GT, PN20001, SW2044, ST387483800, EW2044, ET387483800
--HSDV:0.014, VSDV:0.020, STATUS:FIXED, SATS:26, AGE:1.0, PDOP:2.106,
HDOP:1.000, VDOP:1.854, TDOP:1.786, GDOP:1.117, NSDV:0.010, ESDV:0.010
--DT03-14-2019
--TM12:37:54
GPS, PN20007, LA46.001952274000, LN17.431781436600, EL154.178000, --
```

- --GS, PN20007, N 74291.5623, E 547296.2317, EL107.4219, --
- --GT, PN20007, SW2044, ST387589000, EW2044, ET387589000
- --HSDV:0.014, VSDV:0.020, STATUS:FIXED, SATS:26, AGE:1.0, PDOP:1.949, HDOP:0.600, VDOP:1.854, TDOP:1.597, GDOP:1.117, NSDV:0.010, ESDV:0.010
- --DT03-14-2019
- --TM12:39:37

			Kistamá	isi 018/5 hr:	sz-ú földrészlet e	elhatárolása				
	ELLENŐRZÉS									
Mért pontok			Ellenőrző pont			Eltérés				
Psz	Y	x	Mérési Módszer	Psz	Y	х	Mérési Módszer	dy	dx	terepi jelölés
2000	547304.56	74273.71	1033_VRS-RTCM3.1-GLO							
2001	547290.97	74282.63	1033_VRS-RTCM3.1-GLO	20001	547290.97	74282.64	1033_VRS-RTCM3.1-GLO	0.000	-0.010	
2002	546838.62	74107.69	1033_VRS-RTCM3.1-GLO							
2003	546547.17	73997.51	1033_VRS-RTCM3.1-GLO							
2004	546548.27	74001.13	1033_VRS-RTCM3.1-GLO							
2005	546957.41	74159.57	1033_VRS-RTCM3.1-GLO							
2006	546971.55	74166.24	1033_VRS-RTCM3.1-GLO							
2007	547296.23	74291.56	1033_VRS-RTCM3.1-GLO	20007	547296.23	74291.56	1033_VRS-RTCM3.1-GLO	0.000	0.000	
2008	547308.07	74294.72	1033 VRS-RTCM3.1-GLO							